

The schematic diagram illustrates a water supply system for a water treatment apparatus. The system includes a water inlet at the top left, which connects to a valve assembly (37, 36) and a water meter (38). The water then flows through a filter (33) and a check valve (52) into a main supply line (39). This line branches off to supply water to a water treatment apparatus (10) and continues to a water outlet at the bottom left. The water treatment apparatus (10) consists of a pre-filter (23a), a main filter (23), and a post-filter (24). It also includes a bypass line (21) with a valve (14) and a pressure sensor (26). The apparatus is connected to a water supply line (12) that passes through a pressure-reducing valve (13) and a pressure sensor (18) before entering the apparatus. The water supply line (12) is connected to a water supply pump (11) and a motor (M) (16) via an inverter circuit (43). The inverter circuit (43) is controlled by a controller (42), which also receives input from a performance inputting device (56). The controller (42) is connected to the water supply pump (11) and the motor (M) (16). The water supply pump (11) is connected to the water supply line (12) and the water treatment apparatus (10). The motor (M) (16) is connected to the inverter circuit (43). The inverter circuit (43) is connected to the controller (42). The controller (42) is connected to the performance inputting device (56). The performance inputting device (56) is connected to the controller (42). The controller (42) is connected to the water supply pump (11) and the motor (M) (16). The water supply pump (11) is connected to the water supply line (12) and the water treatment apparatus (10). The motor (M) (16) is connected to the inverter circuit (43). The inverter circuit (43) is connected to the controller (42). The controller (42) is connected to the performance inputting device (56). The performance inputting device (56) is connected to the controller (42).

FIG.2A

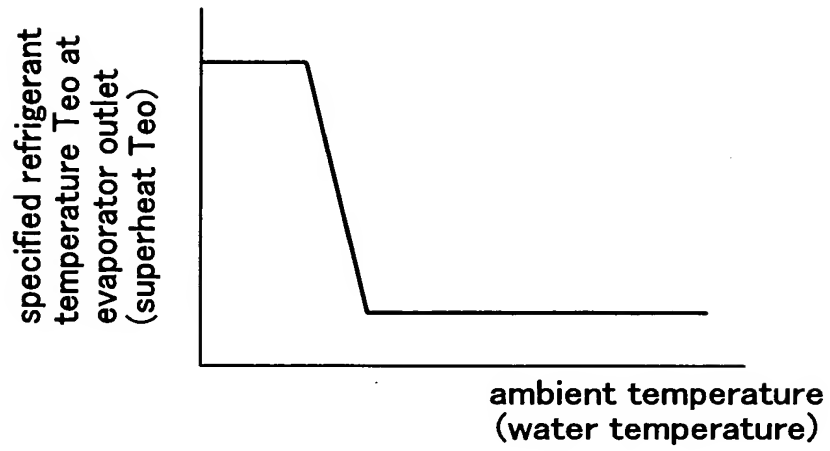
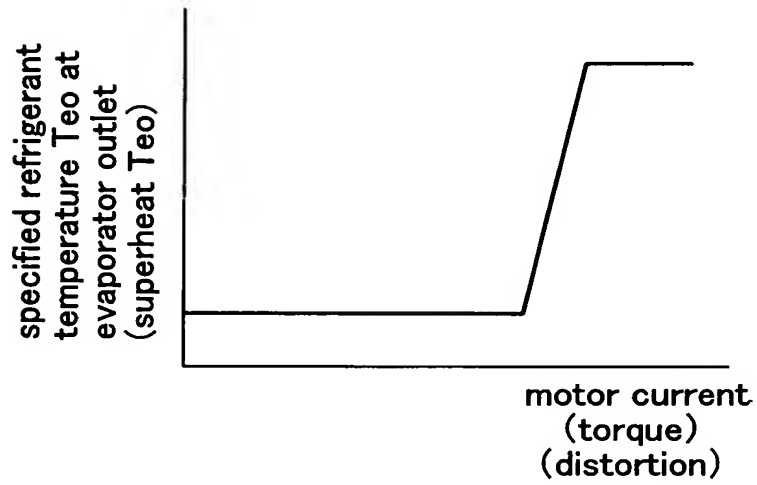


FIG.2B



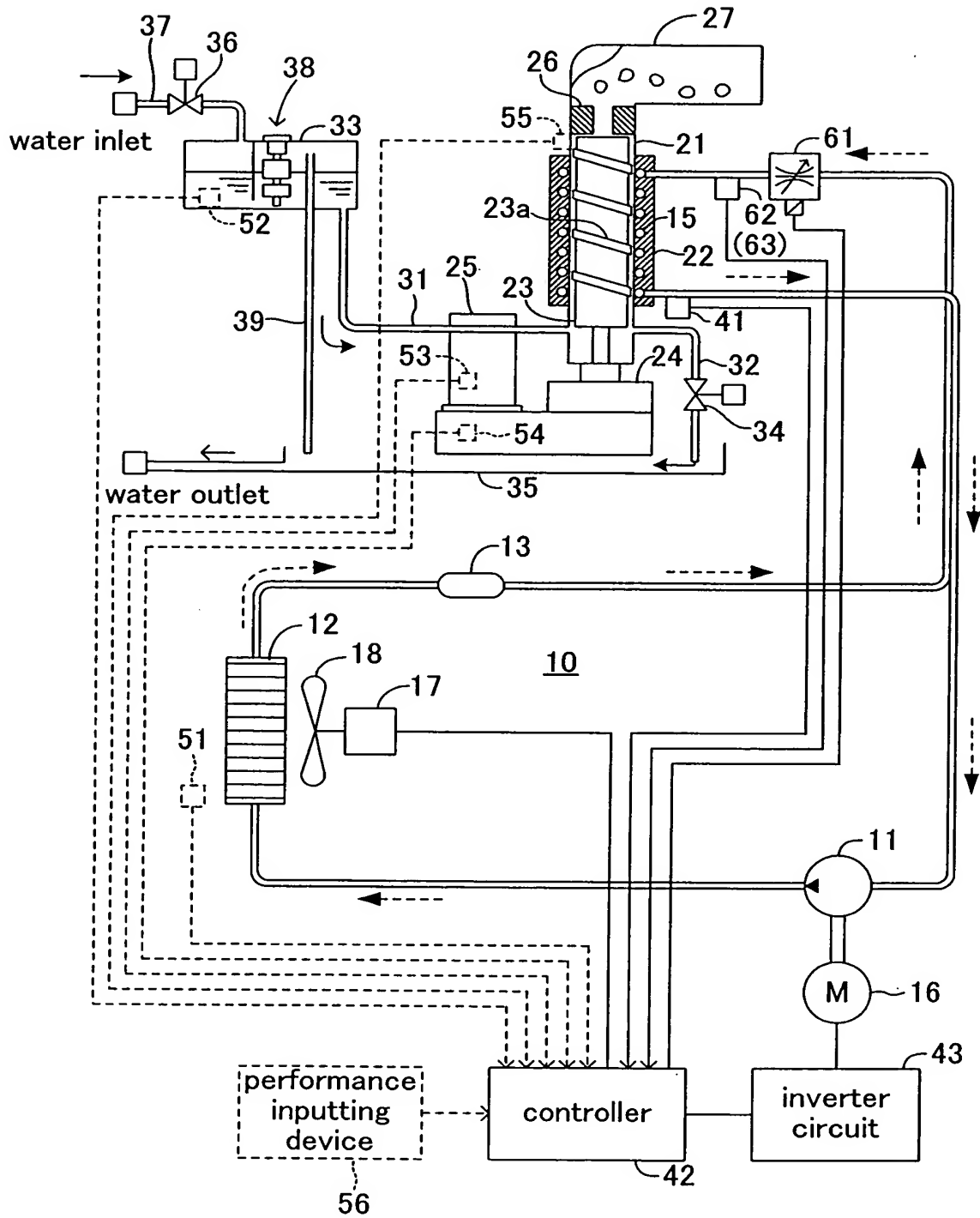


FIG.4

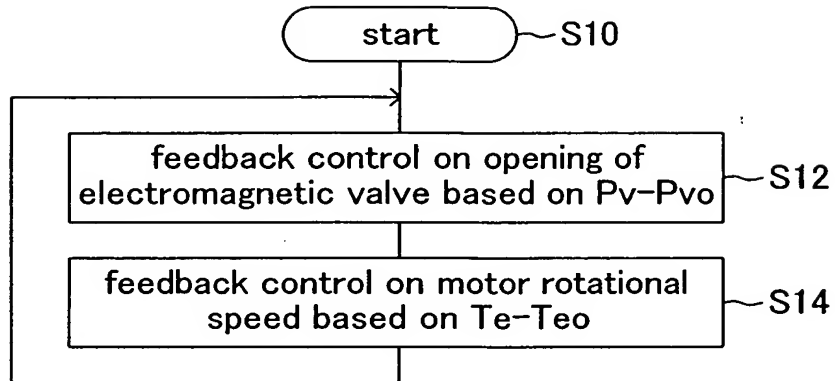
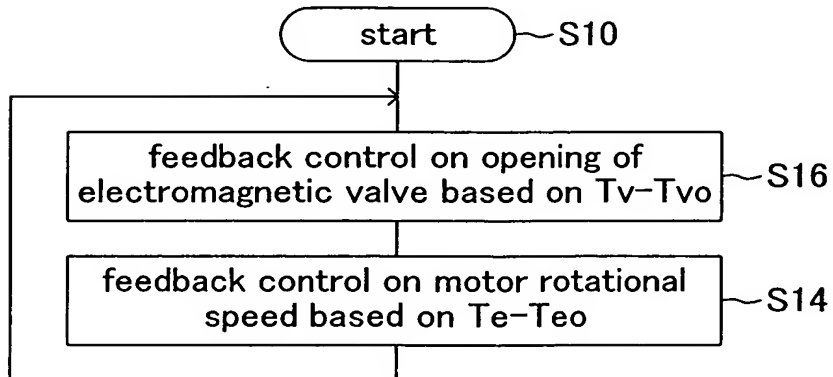


FIG.5



The diagram illustrates a water supply system for a medical device. It includes a water inlet (37) with a valve (36) and a water outlet. The system features a pump (11) driven by a motor (16) and a controller (42) that manages the flow. Key components include a water inlet (37), a valve (36), a water inlet (38), a valve (33), a water outlet (39), a valve (32), a valve (34), a valve (35), a valve (31), a valve (25), a valve (23), a valve (24), a valve (22), a valve (21), a valve (20), a valve (19), a valve (18), a valve (17), a valve (16), a valve (15), a valve (14), a valve (13), a valve (12), a valve (11), a valve (10), a valve (9), a valve (8), a valve (7), a valve (6), a valve (5), a valve (4), a valve (3), a valve (2), a valve (1). The system also includes a performance inputting device (56) and a drive circuit (71).

FIG.7

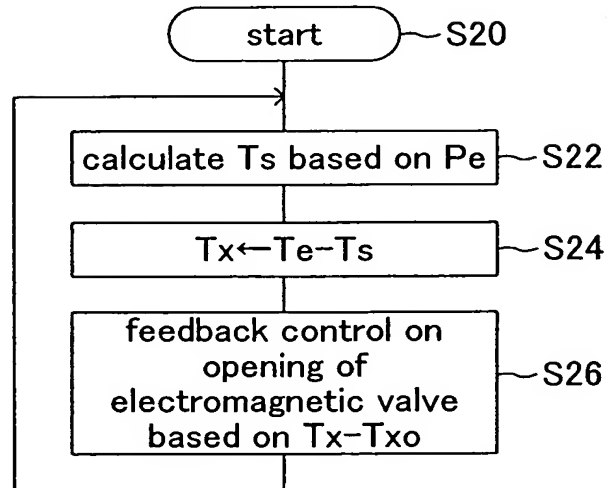


FIG.8

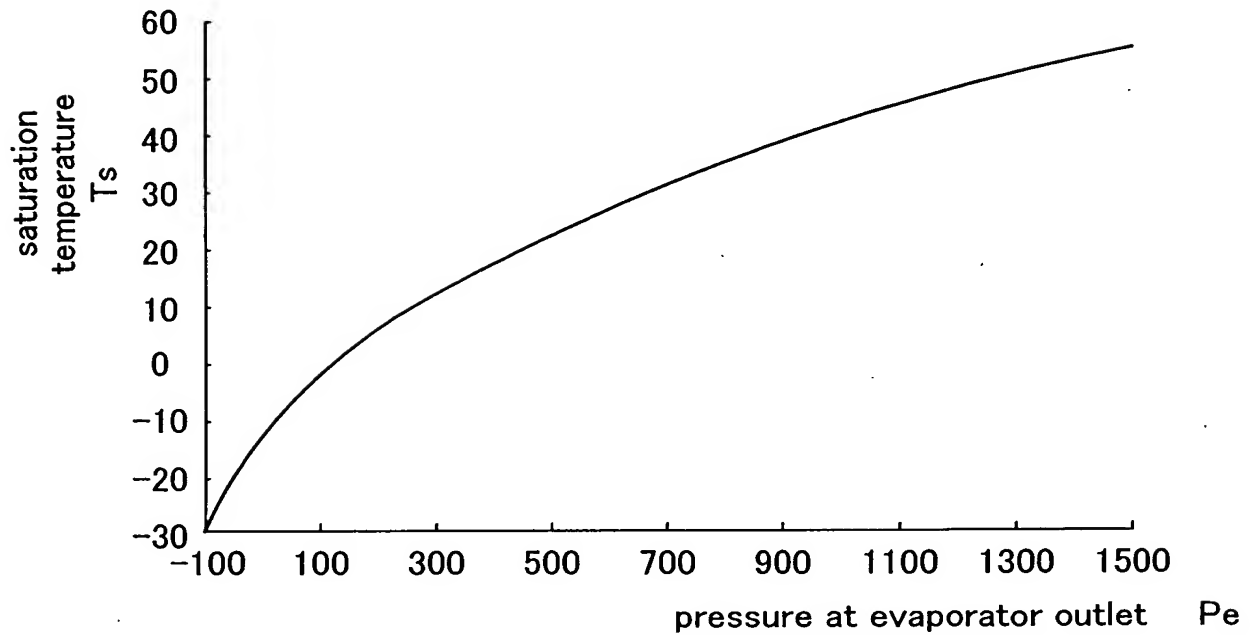


FIG.9

